



2015 EFCOG Electrical Safety Workshop

Lawrence Livermore National Laboratory



Points of Contact: Bill DeHope, dehope1@llnl.gov 925-424-6413
Eileen Stankus, stankus1@llnl.gov 925-424-3967

Sunday, July 12

4:00 p.m. – 8:00 p.m. LLNL Badging & Mixer, Courtyard Marriott, 2929 Constitution Dr., Livermore (no-host bar)

Monday, July 13 *B543 Auditorium*

7:00 a.m. Badging for late arrivals, *West Gate (main) Badge Office, Vasco Road*
8:30 a.m. Informal gathering and greetings, *Auditorium Foyer B543 R1000*
9:00 a.m. EFCOG Welcome – Heath Garrison, 2015 EFCOG ESG Chair
9:15 a.m. Livermore Field Office Welcome – Tom Grim, LFO Assistant Manager for ES&H
9:30 a.m. LLNL Welcome – Bill Goldstein, LLNL Lab Director
9:45 a.m. Facility details and Workshop Preliminaries – Bill DeHope, LLNL 2015 Workshop Host

10:00 a.m. Morning Break

10:15 a.m. Overview of Plenary Talks – Richard Waters, 2015 EFCOG ESG Vice-Chair
10:30 a.m. The LANL Arc Flash Event – Jeff Williams, NNSA; Lloyd Gordon, LANL; & Gary Dreifuerst, LLNL Retired
11:30 a.m. Electrical Safety from a Union Standpoint – Byron Benton, Training Director, IBEW Local 595 Joint Apprenticeship Training Committee (JATC)

Noon Lunch at local restaurants or Lab cafeterias

1:30 p.m. IEEE 1584 Update – Jim Phillips, Brainfiller
2:00 p.m. Arc Flash DC Experimental Status – Steve Cress, Kinectrics & Hugh Hoagland, ArcWear
2:30 p.m. Electrical Incidents since Skip Searfoss' Last Report – Lloyd Gordon, LANL

3:00 p.m. Afternoon Break

3:20 p.m. Outlook from DOE – Kevin Carr, NNSA/NA-513
3:40 p.m. Defense Nuclear Facilities Safety Board Outlook – Peter Foster, DNFSB
4:00 p.m. Office of Enforcement: Data and Trends – Terry Meisinger, OE
4:15 p.m. Audit Teams: A Proposal – Mark Scott, LBL
4:35 p.m. Outlook from DOD – Stan Berry, US Navy
5:00 p.m. Day's End/Closing

Tuesday Morning, July 14 *B543 Auditorium*

8:00 a.m. Risk Management and 70E – Daniel Roberts, Schneider Electric
8:30 a.m. Downstream Electrical Safety Effects of Subcontractor Building Constructions – Lloyd Gordon, LANL
8:55 a.m. Working Group Status from last year: Overview – Lloyd Gordon, WG Chair
9:15 a.m. DC Systems – Gary Dreifuerst, LLNL Retired
9:45 a.m. Compensatory Measures for AF Hazards – Greg Christensen, 2014 EFCOG ESG Chair

10:15 a.m. Morning Break

10:30 a.m. AHJ Program Descriptions and Reciprocity – Jim Watson, LLNL
11:00 a.m. Hazardous Energy Control – Stephanie Collins, LBL
11:30 a.m. Introduction and Commissioning of new WG's – Lloyd Gordon, WG Chair

Noon Lunch at local restaurants or Lab cafeterias

Tuesday Afternoon, July 14 (Informal Break at 3:00 p.m.)

1:30 p.m. Working Group 1 – DC Systems *B551E R2100 Altamont Room*
 1:30 p.m. Working Group 2 – Hazardous Energy Control *B543 R1244 Good Earth Room*
 1:30 p.m. Working Group 3 – Electrical Safety, Medium Voltage, & Subcontractors *B543 R1258 Grand Canyon*
 1:30 p.m. Working Group 4 – AHJ Program Descriptions, Issues & Reciprocity *T5475 R1145 Discovery Room*
 1:30 p.m. Working Group 5 – Risk Assessment per 70E-2015 *T5475 R1003 Yosemite Room*
 5:30 p.m. Day's End/Closing (all Working Groups)

Wednesday, July 15 (Informal Breaks at 10:00 a.m. and 3:00 p.m.; lunch at Noon-1:30)

8:00 a.m. Working Group 1 – DC Systems *B551E R2100 Altamont Room*
 8:00 a.m. Working Group 2 – Hazardous Energy Control *B543 R1244 Good Earth Room*
 8:00 a.m. Working Group 3 – Electrical Safety, Medium Voltage, & Subcontractors *B543 R1258 Grand Canyon*
 8:00 a.m. Working Group 4 – AHJ Program Descriptions, Issues & Reciprocity *T5475 R1145 Discovery Room*
 8:00 a.m. Working Group 5 – Risk Assessment per 70E-2015 *T5475 R1003 Yosemite Room*
 5:30 p.m. Day's End/Closing (all Working Groups)

Thursday, July 16 (Informal Break at 10:00 a.m.)

8:00 a.m. Working Group 1 – DC Systems *B551E R2100 Altamont Room*
 8:00 a.m. Working Group 2 – Hazardous Energy Control *B543 Good Earth Room 1244*
 8:00 a.m. Working Group 3 – Electrical Safety, Medium Voltage, & Subcontractors *B543 R1258 Grand Canyon*
 8:00 a.m. Working Group 4 – AHJ Program Descriptions, Issues & Reciprocity *T5475 R1145 Discovery Room*
 8:00 a.m. Working Group 5 – Risk Assessment per 70E-2015 *T5475 R1003 Yosemite Room*

11:30 a.m. Lunch at local restaurants or Lab cafeterias

1:00 p.m. Summary Presentation – Working Group 1 *B543 Auditorium*
 1:30 p.m. Summary Presentation – Working Group 2 *B543 Auditorium*
 2:00 p.m. Summary Presentation – Working Group 3 *B543 Auditorium*

2:30 p.m. Afternoon Break

2:45 p.m. Summary Presentation – Working Group 4 *B543 Auditorium*
 3:15 p.m. Summary Presentation – Working Group 5 *B543 Auditorium*
 3:45 p.m. Working Group Summary – Lloyd Gordon, WG Chair, LANL
 4:15 p.m. Closing Comments – Heath Garrison, 2015 EFCOG Chair
 4:30 p.m. Days End/Closing

Friday, July 17

8:30 a.m. **NIF Tour #1** group meet at B543 Lobby
 8:45 a.m. Taxi to B581
 9:00 a.m. **NIF Tour #1**

 10:30 a.m. **NIF Tour #2** group meet at B543 Lobby
 10:45 a.m. Taxi to B581
 11:00 a.m. **NIF Tour #2**

 1:00 p.m. **HEAF Tour #1** group meet at B543 Lobby
 1:15 p.m. Taxi to B191
 1:30 p.m. **HEAF Tour #1**

 2:30 p.m. **HEAF Tour #2** group meet at B543 Lobby
 2:45 p.m. Taxi to B191
 3:00 p.m. **HEAF Tour #2**

 4:30 p.m. Adjournment of **ESW 2015**

